



PATENT
Atty. Dkt. No. APPM/8736/DSM/BCVD/JP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Liu et al.

Patent No.: 7,064,078

Issued: June 20, 2006

Serial No.: 10/768,724

Filed: January 30, 2004

For: TECHNIQUES FOR THE
USE OF AMORPHOUS
CARBON (APF) FOR
VARIOUS ETCH AND
LITHO INTEGRATION
SCHEME

Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Group Art Unit: 1765

Examiner: Nadine G. Norton

*Certificate
of Correction*
AUG 29 2006

CERTIFICATE OF MAILING 37 CFR 1.8	
I hereby certify that this correspondence is being deposited on <u>8/22</u> , 2006 with the United States Postal Service as First Class Mail in an envelope addressed to: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.	
<u>8/22/06</u>	<i>Kim R. Tackett</i>
Date	Signature

REQUEST FOR CERTIFICATE OF CORRECTION

Attached is a Certificate of Correction for correcting several errors throughout the printed patent.

The omitted reference was initialed by the examiner on September 30, 2005 in the Office Action dated October 17, 2005. A copy of the PTO/SB/08a showing the omitted reference initialed by the examiner is attached.

Applicants submit that at least one of the other errors mentioned above was made by the applicants. Therefore, please charge the fee of \$100.00 to deposit account no. 20-0782/APPM/8736 (KMT).

Respectfully submitted,

Keith M. Tackett
Registration No. 32,008
PATTERSON & SHERIDAN, L.L.P.

08/25/2006 YPOLITE1 00300002 200782 7064078
01 FC:1811 100.00 DA

AUG 29 2006



UNITED STATES PATENT AND TRADEMARK OFFICE

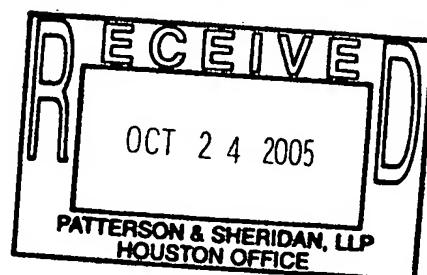
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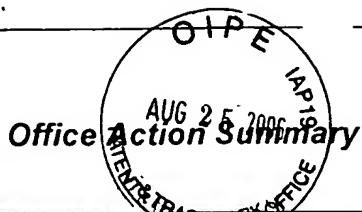
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/768,724	01/30/2004	Wei liu	AMAT/8736/DSM/BCVD/JW	5121
44257	7590	10/17/2005	EXAMINER	
PATTERSON & SHERIDAN, LLP 3040 POST OAK BOULEVARD, SUITE 1500 HOUSTON, TX 77056				CHEN, ERIC BRICE
ART UNIT		PAPER NUMBER		
1765				

DATE MAILED: 10/17/2005
Response Due: 01/17/06

Please find below and/or attached an Office communication concerning this application or proceeding.





Office Action Summary

Application No.	Applicant(s)
10/768,724	LIU ET AL.
Examiner	Art Unit
Eric B. Chen	1765

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 1/30/04.
 2a) This action is FINAL. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-23 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1-23 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
 Paper No(s)/Mail Date 5/04; 7/05; 8/05.

4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. AUG 29 2006
 5) Notice of Informal Patent Application (PTO-152)
 6) Other: _____

Please type a plus sign (+) inside this box 

PTO/SB/08a (08-03)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

MAY 03 2004

3034

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Substitute for form 1449A/PTO		Application Number	10/768,724
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	JANUARY 30, 2004
<i>(Use as many sheets as necessary)</i>		First Named Inventor	TAKEAKI EBIHARA, ET AL.
		Group Art Unit	UNKNOWN
		Examiner Name	UNKNOWN
		Attorney Docket Number	AMAT/8736/DSM/BCVD/JW
Sheet	1	of	2
		Submission Date	April <u>30</u> , 2004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
EC	A1	US-6,627,933 B2	09/30/2003	Juengling	
	A2	US-6,611,316 B2	08/26/2003	Sewell	
	A3	US-6,573,030 B1	06/03/2003	Fairbairn, et al.	
	A4	US-6,541,397 B1	04/01/2003	Bencher	
	A5	US-6,514,687 B2	02/04/2003	Angelopoulos, et al.	
	A6	US-6,511,791 B1	01/28/2003	Bukofsky, et al.	
	A7	US-6,483,571 B1	11/19/2002	Shiraishi	
	A8	US-6,458,516 B1	10/01/2002	Ye, et al.	
	A9	US-6,423,384 B1	07/23/2002	Khazeni, et al.	
	A10	US-6,403,291 B1	05/29/2001	Bula, et al.	
	A11	US-6,331,380 B1	12/18/2001	Ye, et al.	
	A12	US-6,316,167 B1	11/13/2001	Angelopoulos, et al.	
	A13	US-6,238,850 B1	05/29/2001	Bula, et al.	
	A14	US-6,184,572 B1	02/06/2001	Mountsier, et al.	
	A15	US-6,143,476	11/07/2000	Ye, et al.	
	A16	US-6,080,529	06/27/2000	Ye, et al.	
	A17	US-6,042,993	03/28/2000	Leuschner, et al.	
	A18	US-5,830,332	11/03/1998	Babich, et al.	
	A19	US-2004/0023475 A1	02/05/2004	Bonser, et al.	
	A20	US-2003/0186477 A1	10/02/2003	Bencher	
	A21	US-2003/0091938 A1	05/15/2003	Fairbairn, et al.	
	A22	US-2002/0001778 A1	01/03/2002	Latchford, et al.	
	A23				
	A24				
	A25				
	A26				
	A27				

Examiner

Eric Chen

Date Considered

9/30/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



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Agent for Applicant(s)

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,064,078

Page 1 of 1

APPLICATION NO. : 10/768,724

DATED : Jun. 20, 2006

INVENTOR(S) : Wei LIU, Zhongyi HE, Sang H. AHN, Meihua SHEN, Hichem M'SAAD, Wendy H. YEH, Christopher D. BENCHER

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

On the Cover of the Patent

Item [56], References Cited, U.S. PATENT DOCUMENTS: Please include the following reference:

6,403,291 B1 5/2001 Bula et al.

In the Specification

Column 5, Line 28: Delete the second instance of "in the"

Column 7, Line 7: Change "creates" to --create--

Column 7, Line 7: Delete the second instance of "in the"

In the Claims

Column 10, Claim 19, Line 7: Change "2to" to --2 to--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Keith M. Tackett
 PATTERSON & SHERIDAN, L.L.P.
 3040 Post Oak Blvd., Suite 1500
 Houston, TX 77056-6582

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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